

## Chapter 2 – Quiz Answers

Circle the letter of the one correct answer in each of the following statements.

1. The primary purpose of a scale examination is:
  - a. to assure that the scale is correct.
  - b. to assure that the scale will be properly maintained until the next inspection
  - c. to assure that the owner is honest.
2. Tolerances, specifications, and other technical requirements for scales are found in:
  - a. NIST Handbook 94.
  - b. NIST Handbook 44.
  - c. NIST Handbook 82.
3. The portion of the field examination of a vehicle or axle-load scale that determines compliance with specifications is the:
  - a. evaluation.
  - b. pretest determinations.
  - c. inspection.
  - d. test.
4. The portion of the field examination that determines compliance with performance requirements (tolerances) is the:
  - a. evaluation.
  - b. pretest determinations.
  - c. inspection.
  - d. test.

5. The portion of the field examination in which a decision is made concerning the acceptance or rejection of the scale is the:
- a. evaluation
  - b. pretest determinations.
  - c. inspection.
  - d. test.
6. Steps to be followed in examining a vehicle scale equipped with a mechanical dial are found in:
- a. NIST Handbook 130.
  - b. EPO No. 13.
  - c. EPO No. 13E.
  - d. NIST Handbook 44.
7. The reference document for determining tolerances for axle-load scales is:
- a. NIST Handbook 130.
  - b. EPO No. 13.
  - c. EPO No. 13E.
  - d. NIST Handbook 44.
8. To discourage unauthorized access to and use of adjustable elements, a scale must be equipped with provisions for:
- a. applying a physical security seal (e.g., lead-and-wire, pressure-sensitive, etc.) or other approved means of security (e.g., audit trail).
  - b. applying an approval seal.

9. A vehicle scale owner tells you that a device on the premises is not used commercially. You should explain to the owner that:
- a. your jurisdiction's statutes define it as a commercial device under the rules of presumptive evidence.
  - b. his only alternative is to remove the scale from the premises or let you examine it.
  - c. you have the responsibility to prove the scale is used commercially before taking any action concerning it.
10. The manager of a commercial establishment wants to accompany you during a scale examination. You should:
- a. explain that this is a weights and measures responsibility, and you don't need any assistance from the manager.
  - b. point out politely that you can do the job more efficiently if you work alone.
  - c. respond that you would be glad to have the manager accompany you.
  - d. ask the manager to take notes while you operate the test equipment.

## Part 2

Circle the letter for the correct term that matches the following definitions.

11. The physical standards that are traceable to the primary standards through comparisons, using acceptable laboratory procedures, and used in the enforcement of weights and measures laws and regulations.
- a. Approved standards
  - b. Secondary standards
  - c. Laboratory standards

12. **A lead-and-wire seal, a plastic wire seal, a pressure-sensitive seal sufficiently permanent to indicate its removal, or similar device attached to a weighing or measuring device for protection against or to indicator access to the device adjustments.**
- a. Approval seal
  - b. **Security seal**
  - c. User's seal
13. **Describes a piece of equipment when, in addition to being accurate, it meets all applicable specification requirements.**
- a. **correct**
  - b. accurate
  - c. specification
14. **The physical standards of the State that serve as the legal reference from which all other standards and weights and measures are derived.**
- a. Secondary standards
  - b. Correct standards
  - c. **Primary standards**
15. **Describes a piece of equipment when its performance or value – that is, its indications, its deliveries, its recorded representations, or its capacity or actual value, etc., as determined by tests made with suitable standards – conforms to the standard within the applicable tolerances and other performance requirements.**
- a. correct
  - b. **accurate**
  - c. specification